

Fig. 1

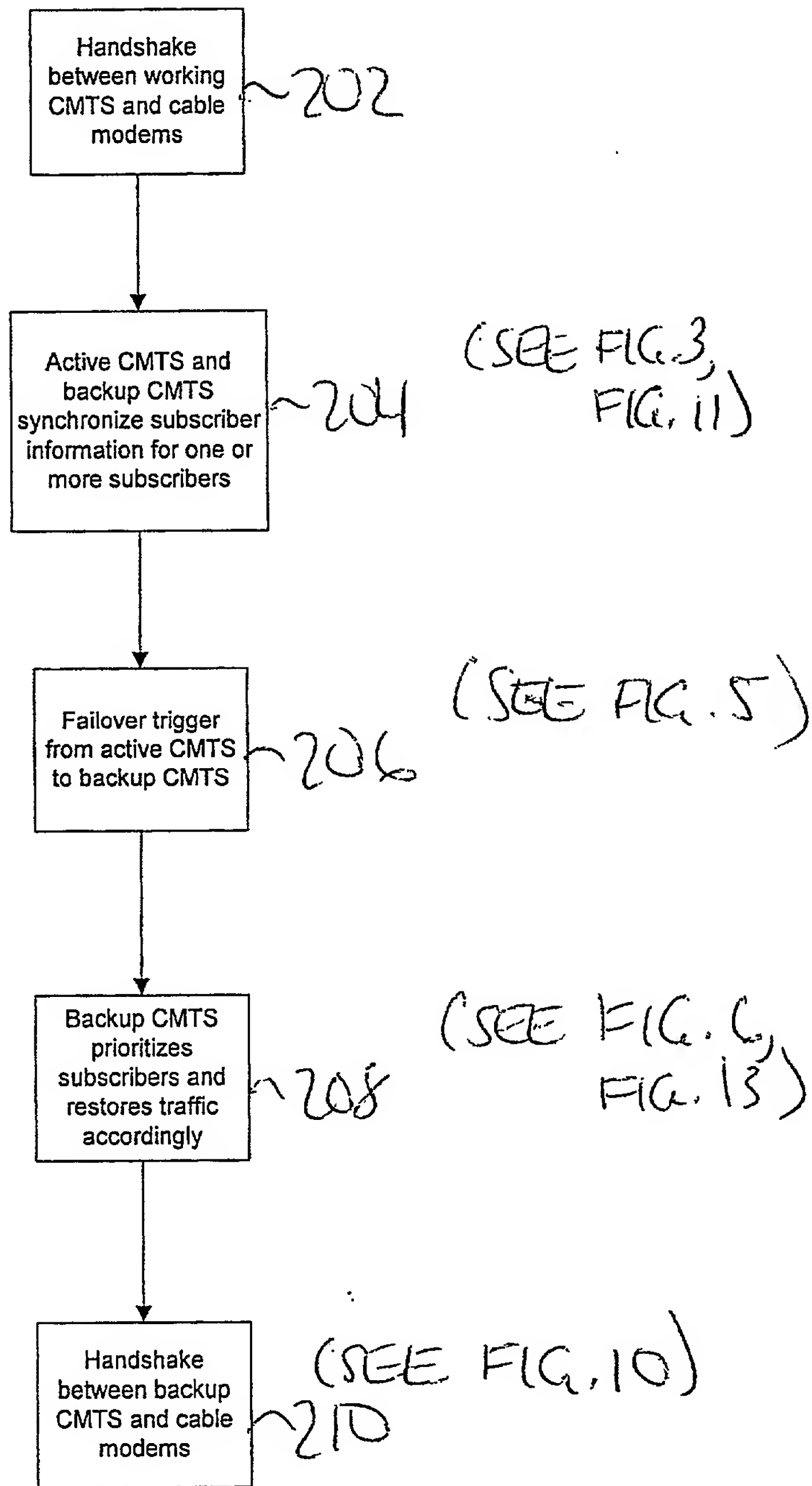


FIG. 2

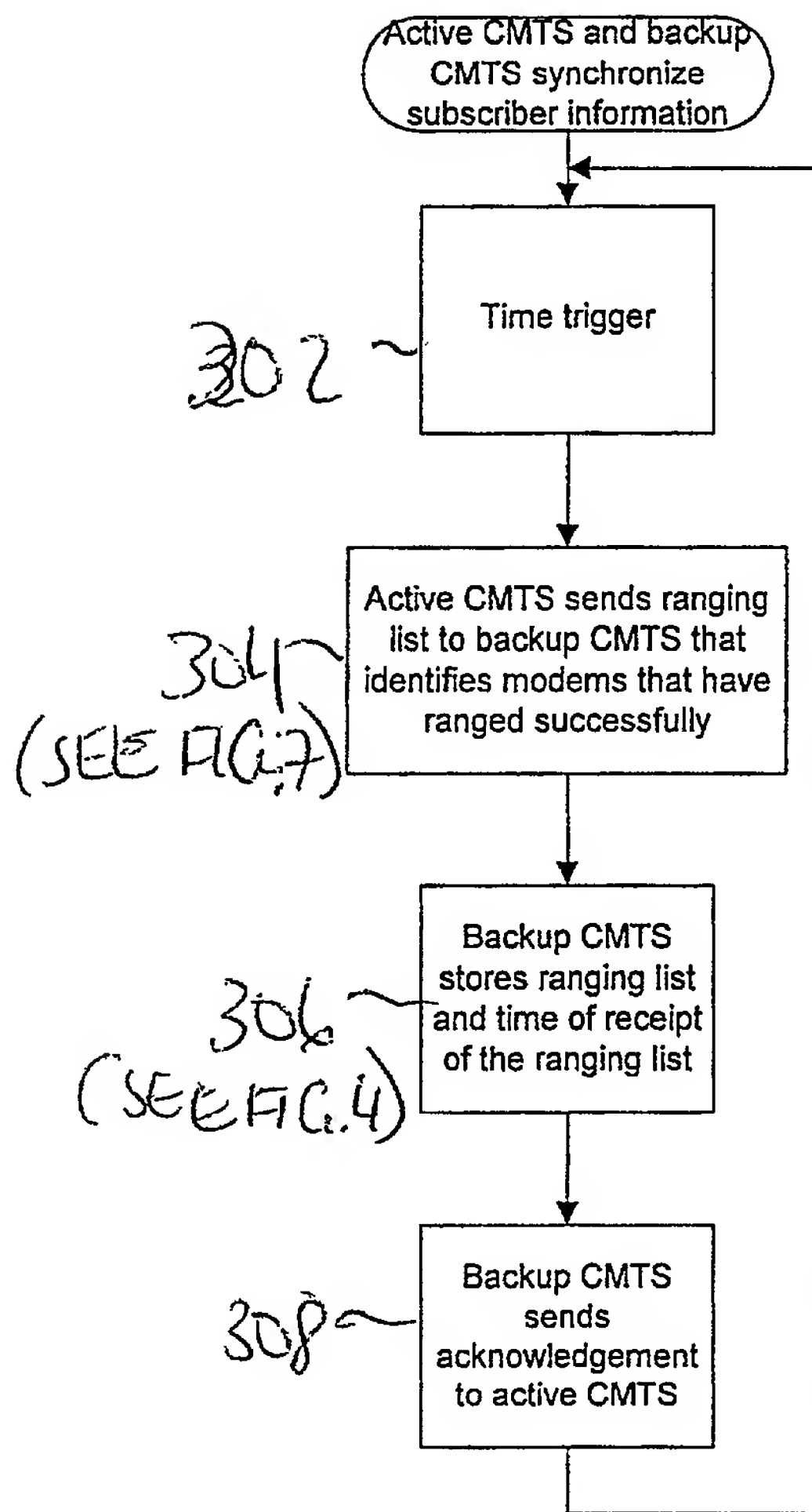


FIG. 3

~404
~406

Modem ID	MAC address
ID1	MAC1
ID2	MAC2
.	.
.	.
IDN	MACN
Time of arrival t1	

}
402

~408

~412
~414

Modem ID	MAC address
ID1	MAC1
ID2	MAC2
.	.
.	.
IDN	MACN
Time of arrival t2	

}
410

~416

FIG. 4

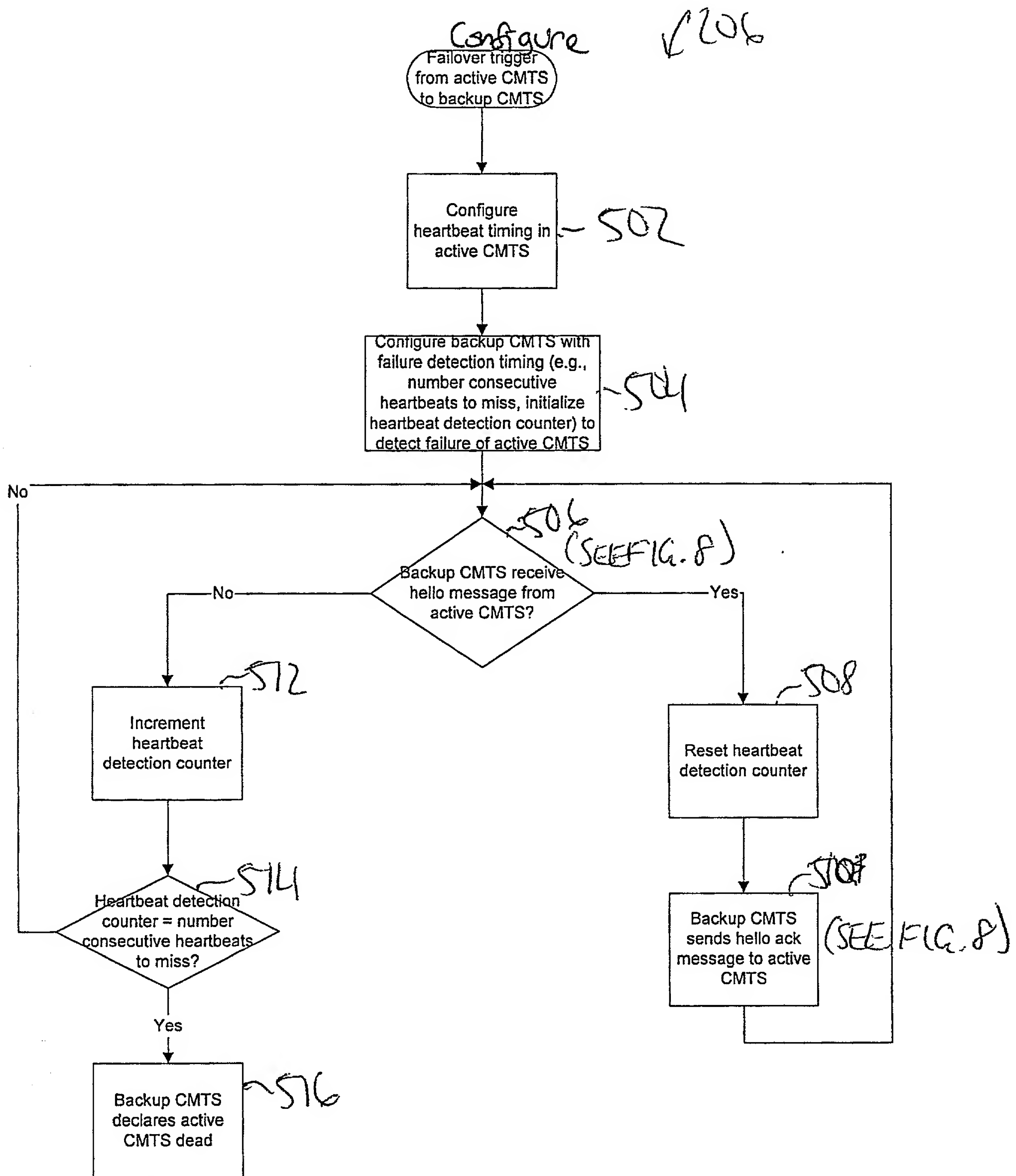


FIG. 5

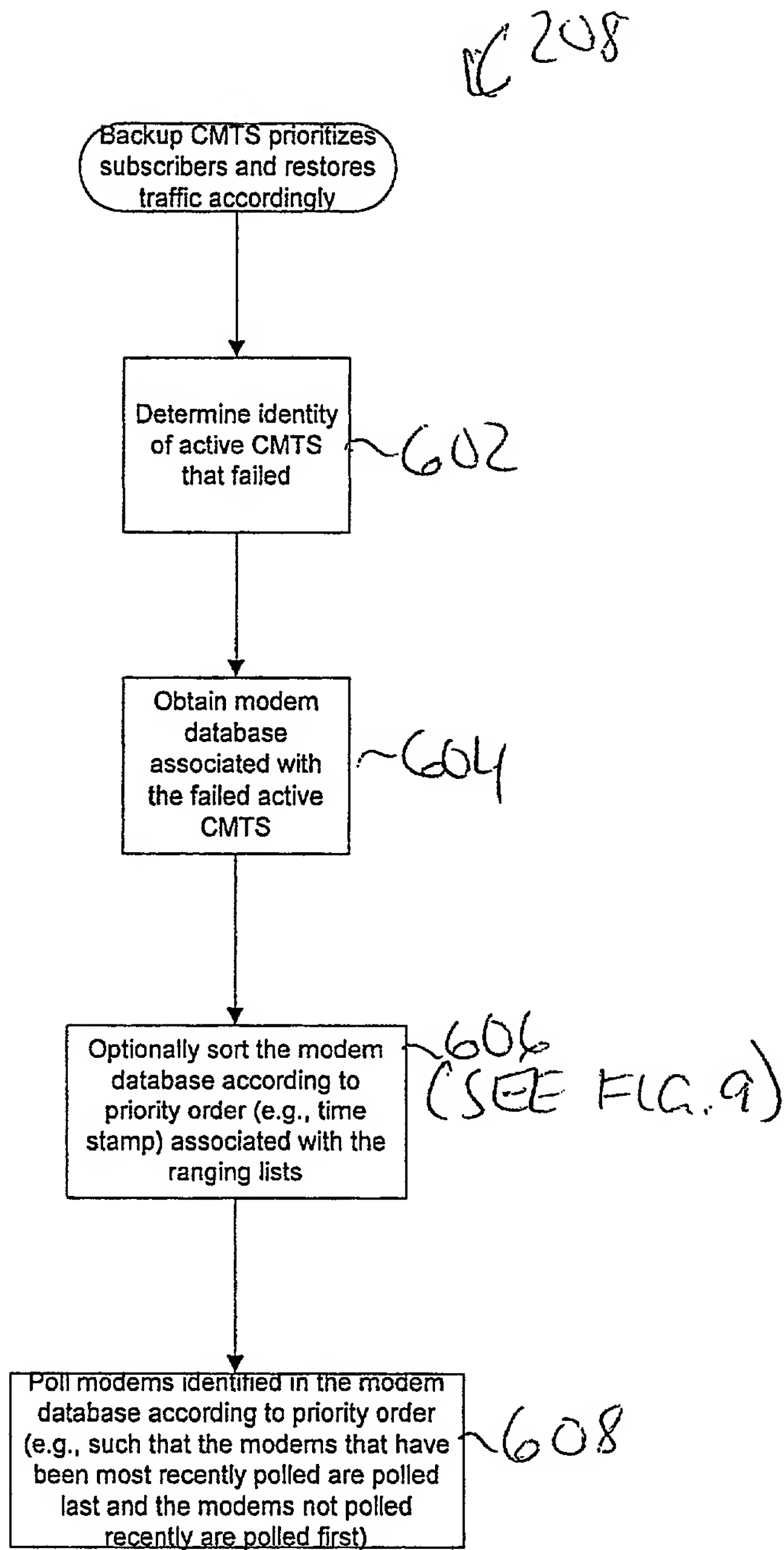


FIG. 6

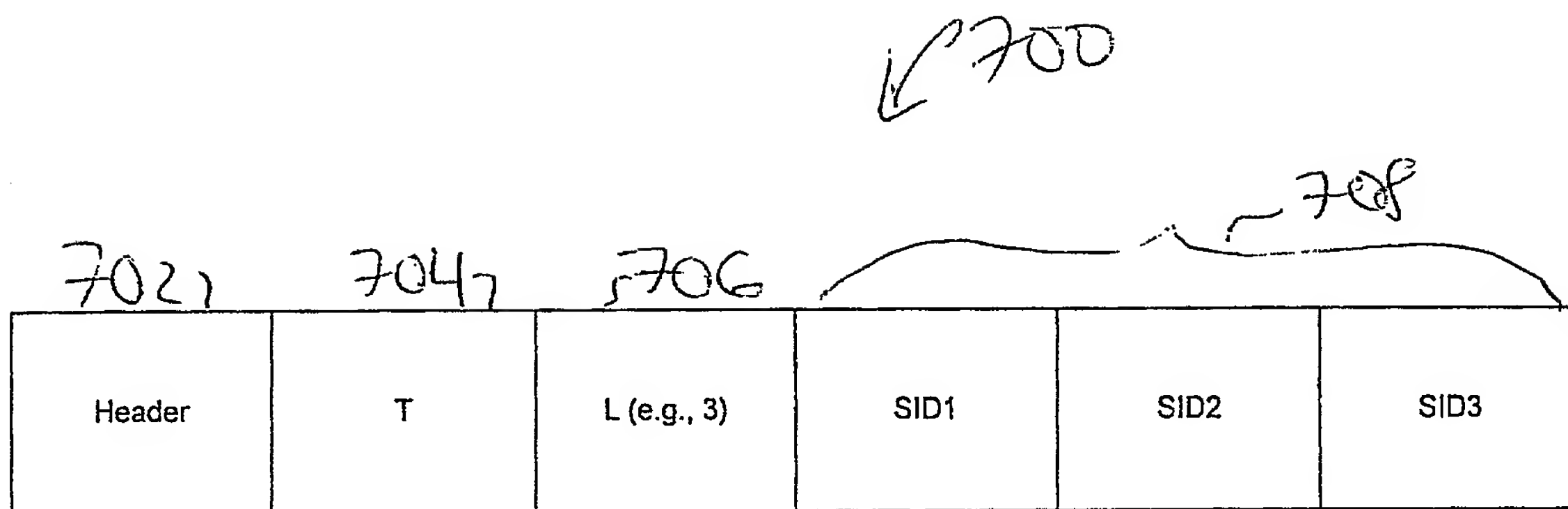


FIG. 7

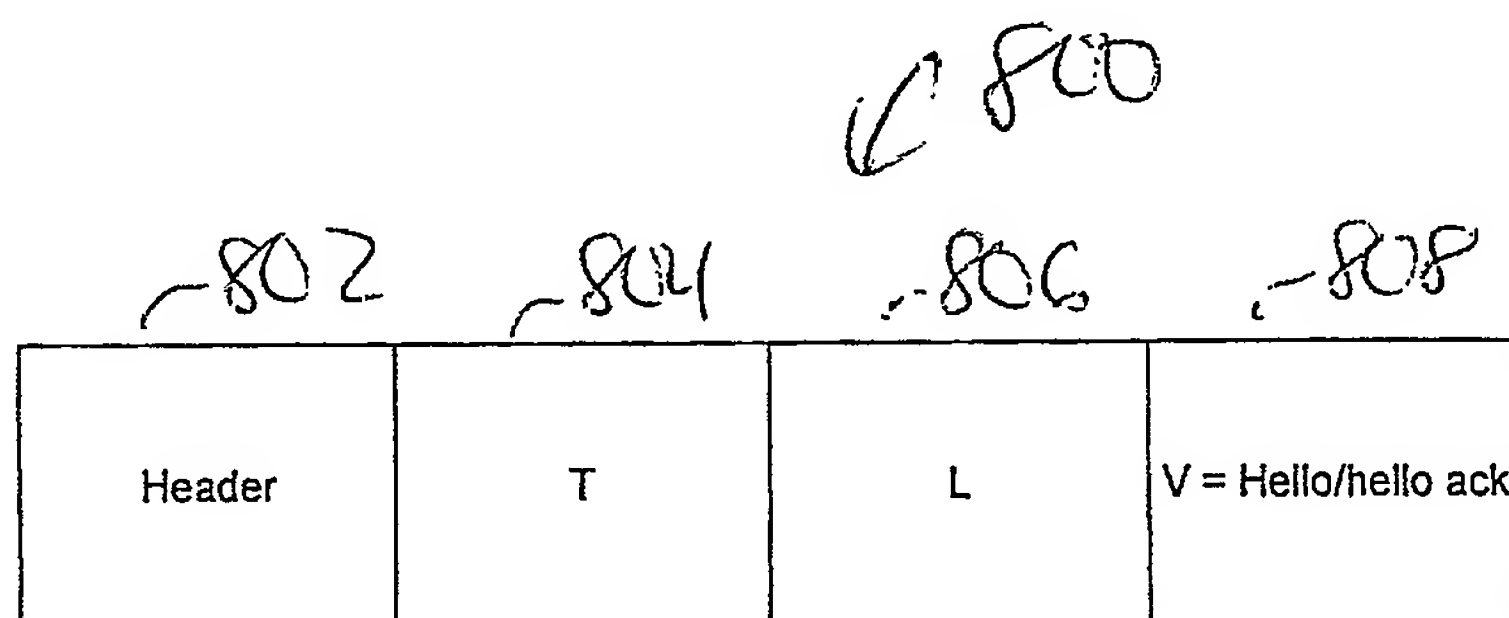


FIG. 8

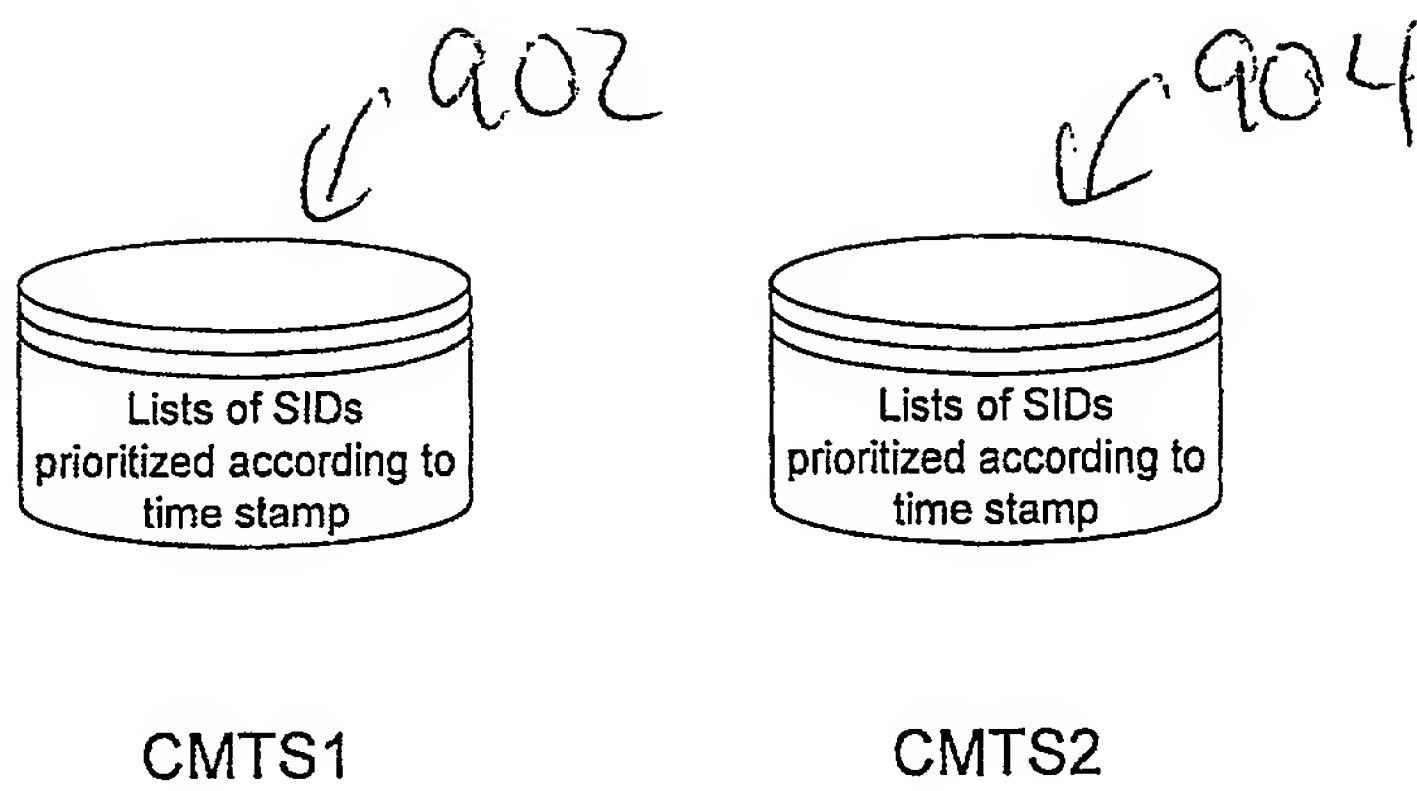


FIG. 9

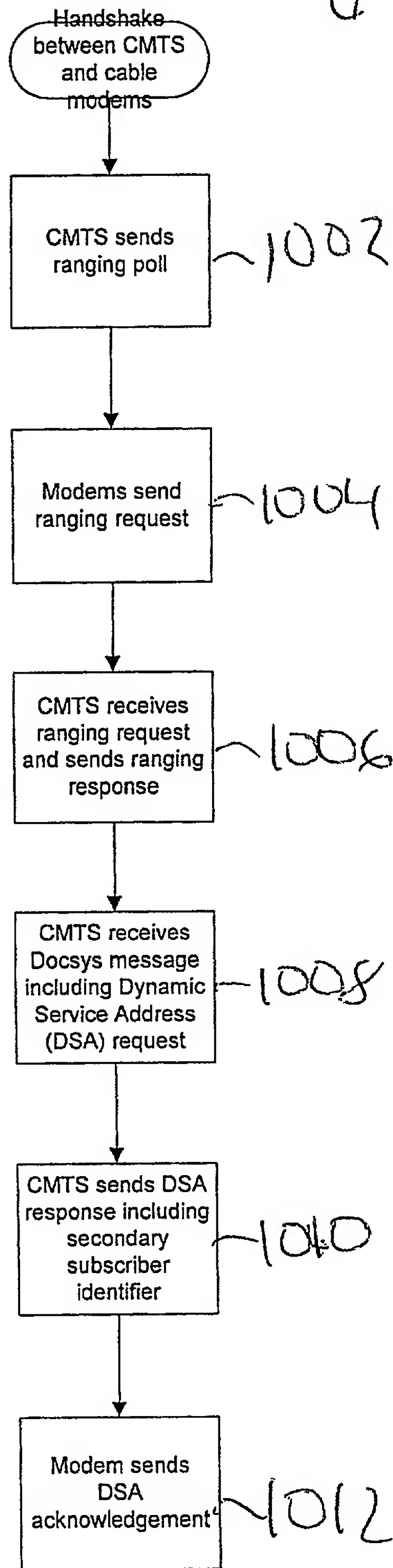


FIG. 10

Active CMTS and backup
CMTS synchronize
subscriber information

204

Event trigger (e.g.,
new call)

1102

Active CMTS sends sync
message to backup CMTS
~~that has ranged successfully,~~
which includes subscriber
information

(SEE FIG. 12)

1104

Backup CMTS
stores subscriber
information
obtained from the
sync message

1106

Backup CMTS
optionally stores
time of receipt of
the sync message

1108

Backup CMTS
sends
acknowledgement
to active CMTS

1110

FIG. 11

1200

FIG. 12

Category	Item	Value
General	1. General	100
	2. General	100
	3. General	100
	4. General	100
	5. General	100
	6. General	100
	7. General	100
	8. General	100
	9. General	100
	10. General	100
Specific	1. Specific	100
	2. Specific	100
	3. Specific	100
	4. Specific	100
	5. Specific	100
	6. Specific	100
	7. Specific	100
	8. Specific	100
	9. Specific	100
	10. Specific	100
Other	1. Other	100
	2. Other	100
	3. Other	100
	4. Other	100
	5. Other	100
	6. Other	100
	7. Other	100
	8. Other	100
	9. Other	100
	10. Other	100

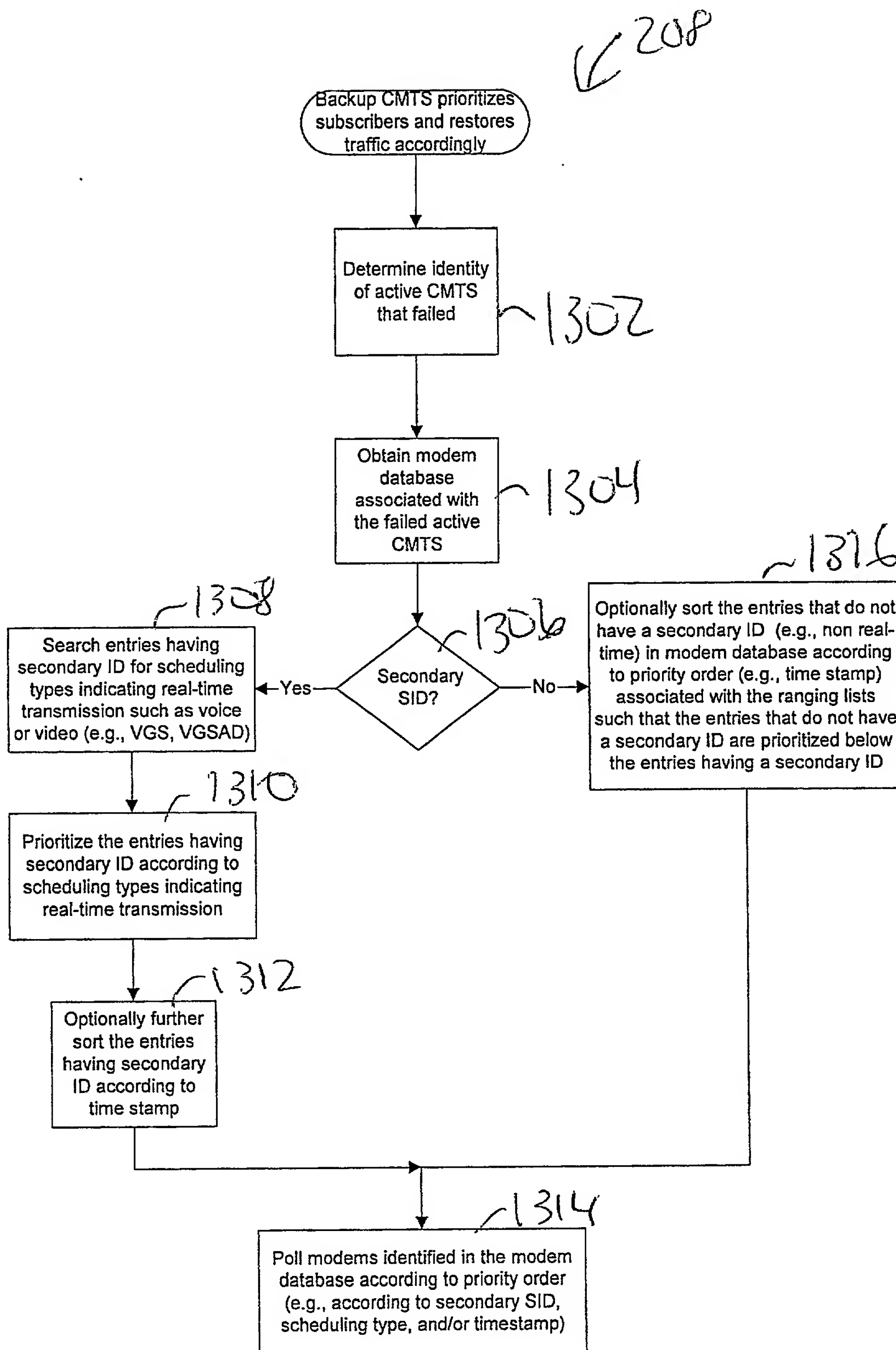


FIG. 13

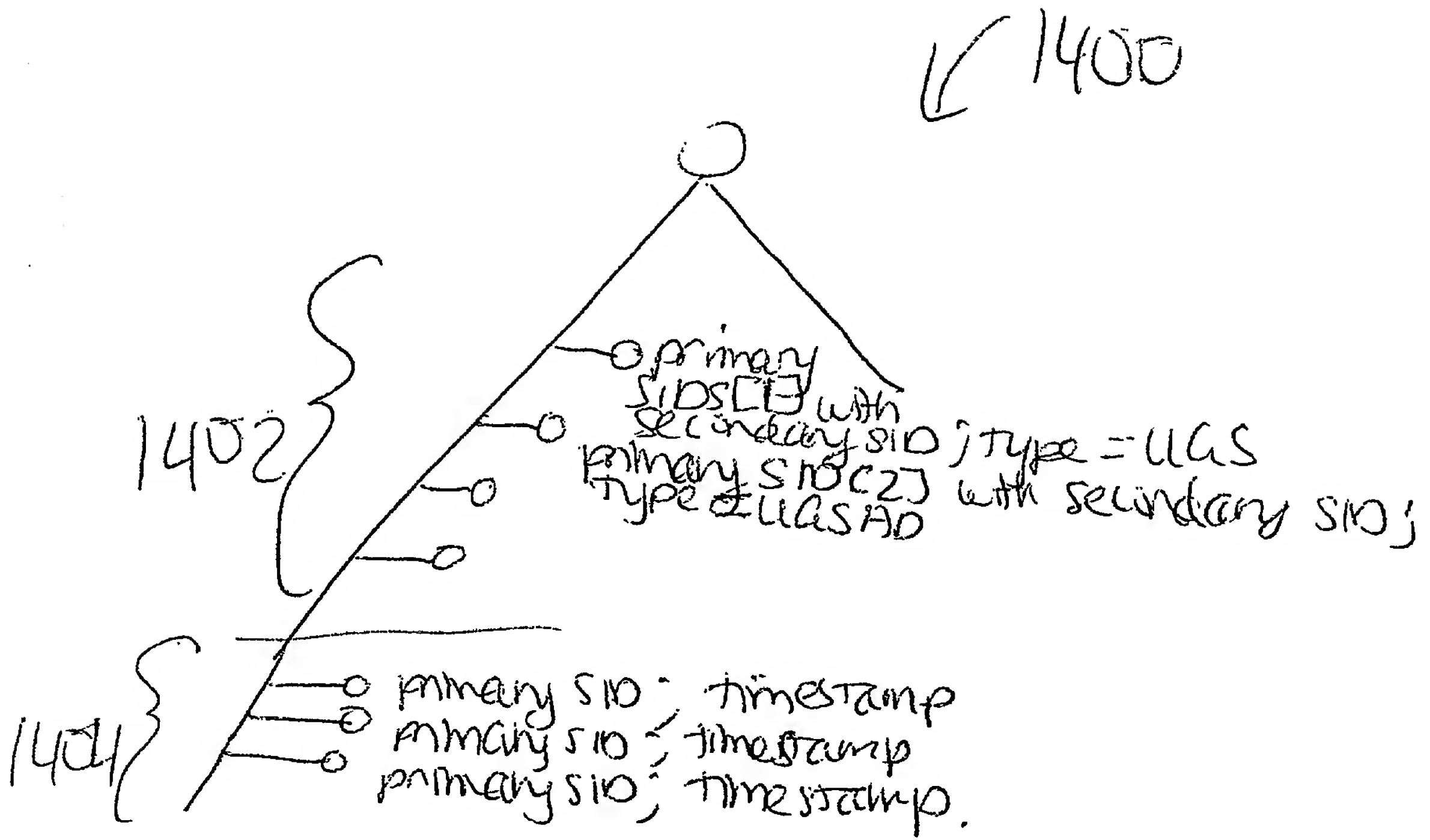


FIG. 14

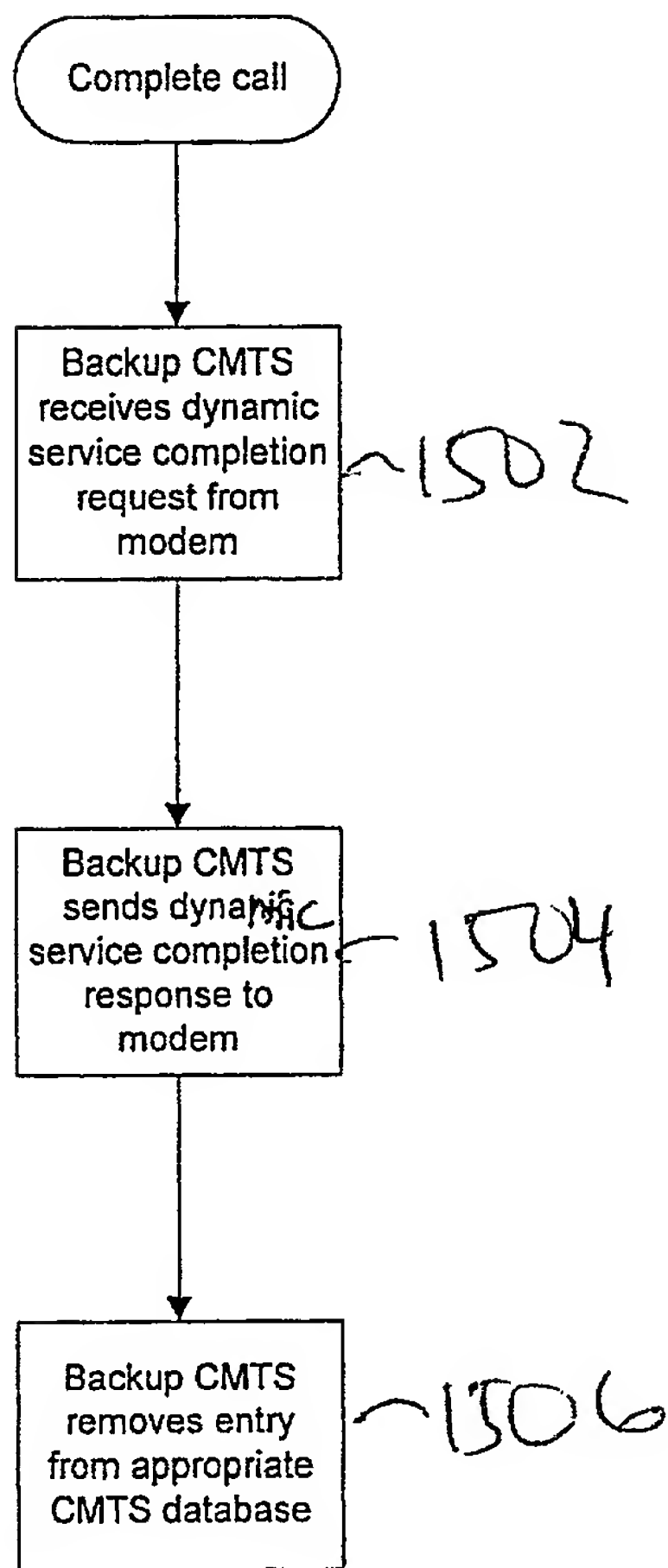


FIG. 15

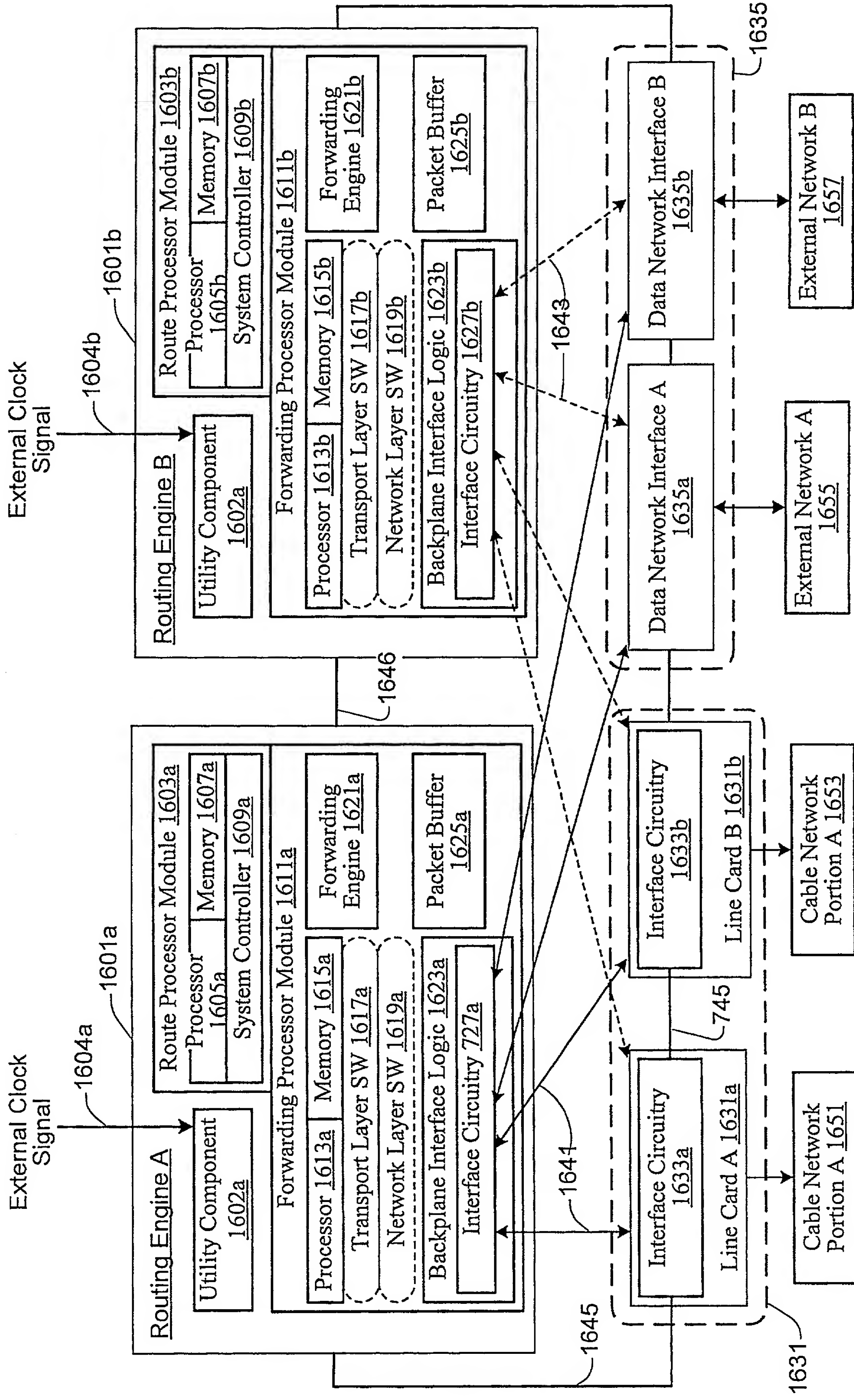


Figure 16 1600

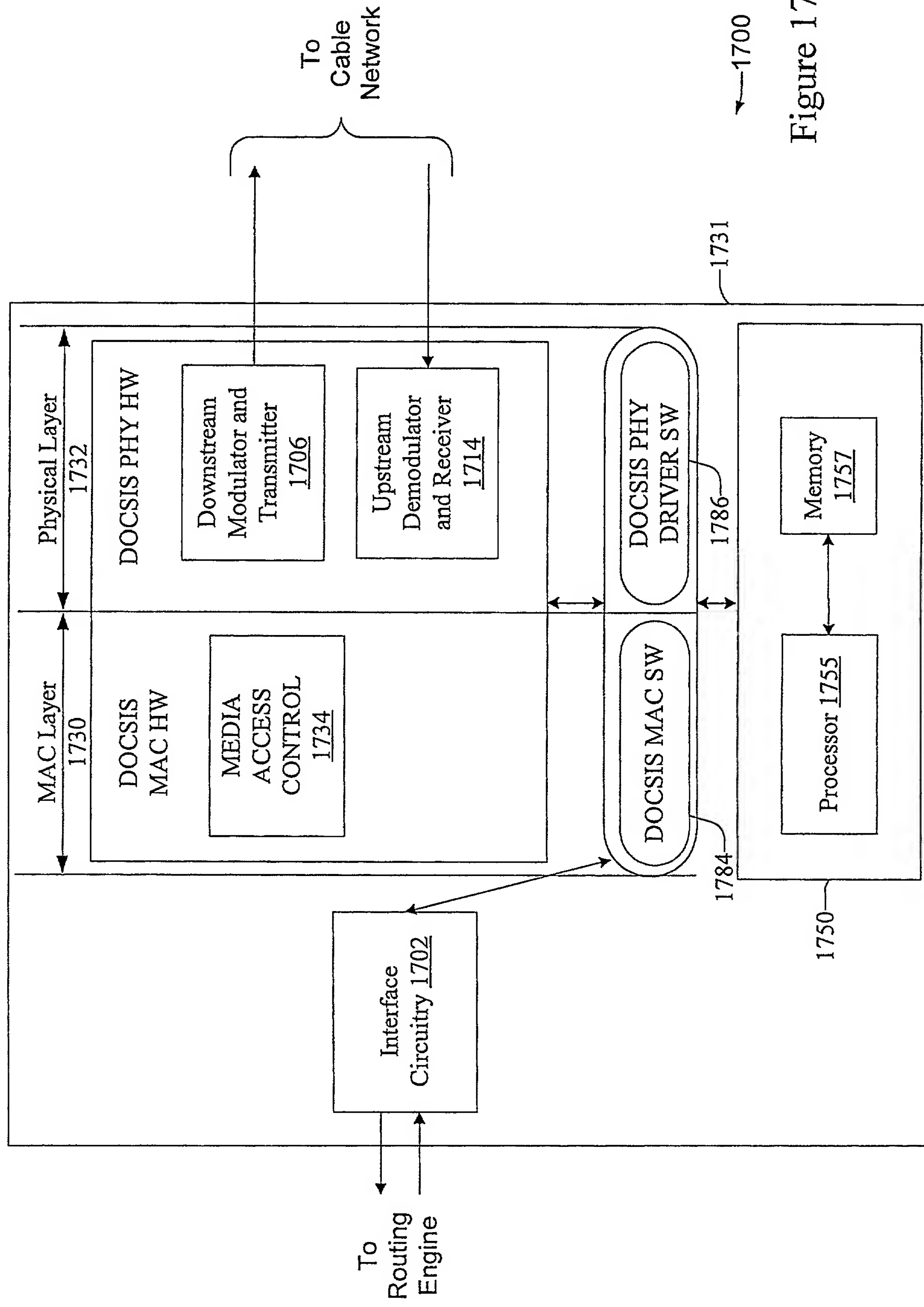


Figure 17

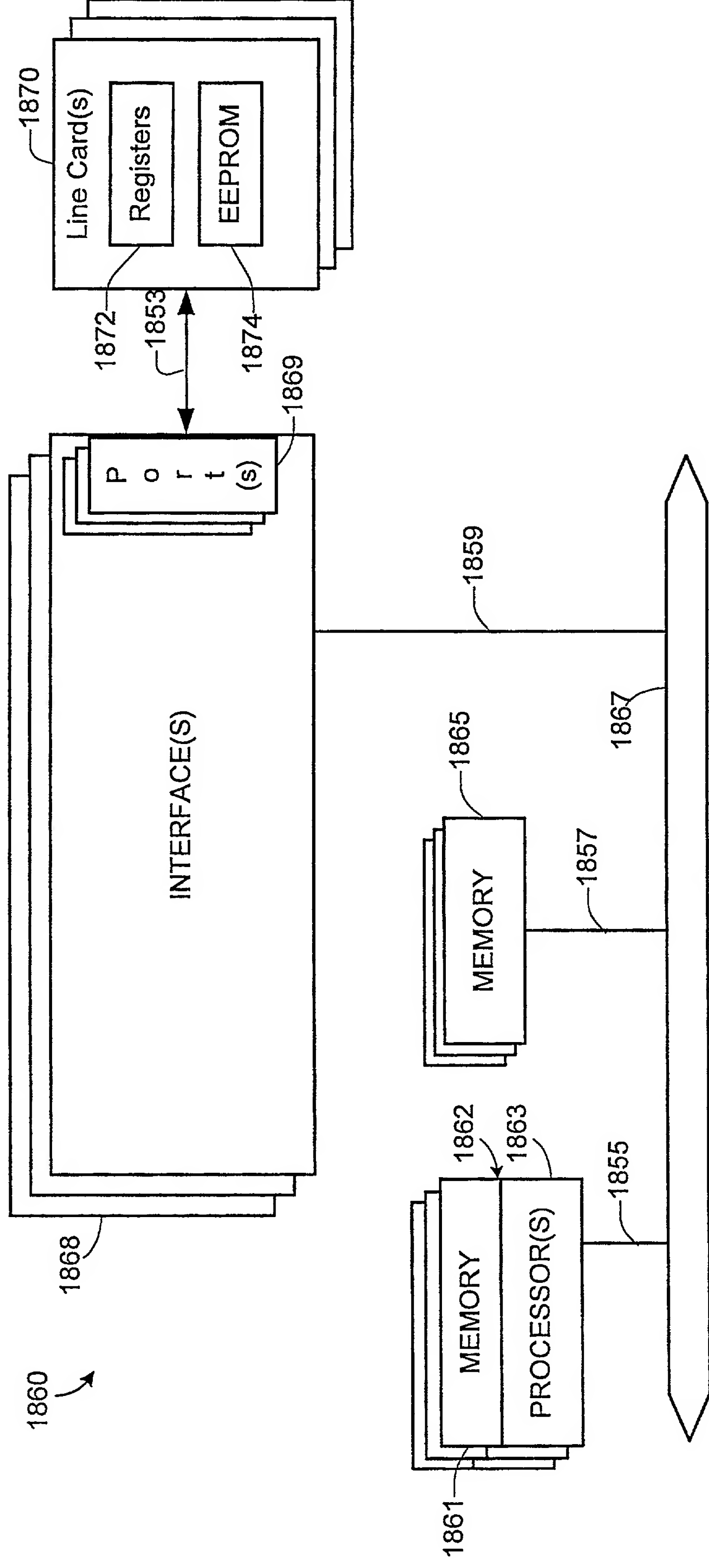


Figure 18